PI 561401 to 561403. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Agricultural Research Service -- USDA, Soybean Production Research, Stoneville, Mississippi, United States; **and** North Carolina Agr. Res. Service. Received May 04, 1992.

PI 561401 **origin:** United States. **developed:** J.W. Burton, W.V Campbell, S.V. Hart, J.P. Ross, C.A. Brim, P.A. Miller. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research, Stoneville, Mississippi United States. **cultivar:** N80-53201. **pedigree:** F5 line of Group V maturity derived from the second backcross of line 6 to Forest. **other id:** GP-69. **source:** Crop Sci. 26(1):212 1986. **group:** CSR-SOYBEAN. **remarks:** Had 55 & 43% less foliar feeding than Forrest, under field infestations of corn earworm (CEW) and Mexican bean beetle (MBB), respectively. Mean days to pupation of MBB was greater than from larvae on Forrest. Has Group V maturity. Averaged over two North Carolina environments, it yielded 2813 kg/ha compared to 3567 kg/ha for Forrest. Breeding Material. Seed.

PI 561402 **origin:** United States. **developed:** J.W. Burton, W.V Campbell, S.V. Hart, J.P. Ross, C.A. Brim, P.A. Miller. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research, Stoneville, Mississippi United States. **cultivar:** N79-2282. **pedigree:** F5 line of Group VII maturity derived from the second backcross of line 4 to Forest. **other id:** GP-70. **source:** Crop Sci. 26(1):212 1986. **group:** CSR-SOYBEAN. **remarks:** Had 61 & 40% less foliar feeding than Forrest, under field infestations of corn earworm (CEW) and Mexican bean beetle (MBB), respectively. 14th day CEW larvae weights and MBB pupa weights were lower than Forrest by 41 and 11%, respectively. Rated equal to Bragg in feeding by soybean looper (Pseudoplusia includens). Yielded 2541 kg/ha averaged over 26 environments compared to 2702 kg/ha for Braxton. Breeding Material. Seed.